

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"200402226350"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:52
L2	50753	jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:52
L3	2	"200402226350"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:52
L4	1	2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:00
L5	813753	10%	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:57
L6	0	3 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:57
L7	2763	"10" near10 jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:58
L8	0	3 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:58
L9	720786	percent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:01
L10	0	3 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:23
L11	2	"20020054975"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:16

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L12	1	2 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:22
L13	10	"6576320"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:23
L14	2	"6576320".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:23
L15	1	2 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:30
L16	1268007	cycle or cycles	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:30
L17	1	11 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:48
L18	29978	(test or testing or tests or tested) near7 (abrasion or wear or endurance or scratch\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:59
L19	815	(73/7).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:49
L20	1516127	(symbol near1 error near1 rate) or ser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:51
L21	1	3 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:50
L22	48	19 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:50
L23	2139	(symbol near1 error near1 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:51

## EAST Search History

L24	1	19 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:51
L25	24558	bit near2 error near2 rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:52
L26	1	19 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:52
L27	12	servo near1 error near1 rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:53
L28	0	19 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:52
L29	2882	servo near1 error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:53
L30	4	19 and 29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:54
L31	31972	track\$ near2 error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:55
L32	4	19 and 31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:54
L33	20690	track\$ near2 error near2 (signal or signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:55
L34	20690	track\$ near2 error near2 (signal or signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:56
L35	3387	servo near2 error near2 (signal or signals)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:56

## EAST Search History

L36	48244	23 or 25 or 34 or 35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:56
L37	59	18 and 36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:58
L38	266564	optical near1 (disc or discs or disk or disks)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:58
L39	45	37 and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:58
L40	53	(test or testing or tests or tested) near7 (abrasion or wear or endurance or scratch\$) near20 optical near1 (disc or discs or disk or disks)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:59
L41	8	36 and 40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/08 13:59
S1	3288	diameter near5 optical near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:42
S2	81	inches near3 diameter near5 optical near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:44
S3	3	("6" or "6.0" or "7" or "7.0" or "8" or "8.0") near1 inches near3 diameter near5 optical near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:46
S4	5	("9.0" or "10.0" or "11.0" or "12.0" or "9" or "10" or "11" or "12") near1 inches near3 diameter near5 optical near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:48
S5	2	("13" or "14" or "15" or "16" or "13.0" or "14.0" or "15.0" or "16.0") near1 inches near3 diameter near5 optical near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:49
S6	2	"3723121".PN.	USPAT; USOCR	OR	OFF	2005/11/30 12:49

## EAST Search History

S7	1	(S5 or S6 or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "5.0" or "6.0" or "7.0" or "8.0" or "9.0" or "10.0" or "11.0" or "12.0" or "13.0" or "14.0") near1 inches near3 diameter near5 rotor near1 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:51
S8	9	(S5 or S6 or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "5.0" or "6.0" or "7.0" or "8.0" or "9.0" or "10.0" or "11.0" or "12.0" or "13.0" or "14.0") near1 (inches or inch) near7 diameter near8 rotor near3 (disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:53
S9	26804	(pad or pads) near15 (rotor or disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:53
S10	0	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:53
S11	2185	(S5 or S6 or "7" or "8" or "9" or "10" or "11" or "12" or "13" or "14" or "5.0" or "6.0" or "7.0" or "8.0" or "9.0" or "10.0" or "11.0" or "12.0" or "13.0" or "14.0") near1 (inches or inch) near7 diameter near12 (rotor or rotors or disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:54
S12	23808	(pad or pads) near8 (rotor or rotors or disk or disc or disks or discs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:54
S13	18613	brak? near5 (pad or pads)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:54
S14	158	S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:54
S15	15	S14 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 12:55
S16	2	"3474457".PN.	USPAT; USOCR	OR	OFF	2005/11/30 13:24

## EAST Search History

S17	2	"4681834".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 13:25
S18	7916736	in or inches	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 13:25
S19	2	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/30 13:25
S20	798	(73/7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 13:00
S21	160585	optical near1 disk	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 13:00
S22	0	S20 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 13:01